

FIG. 1

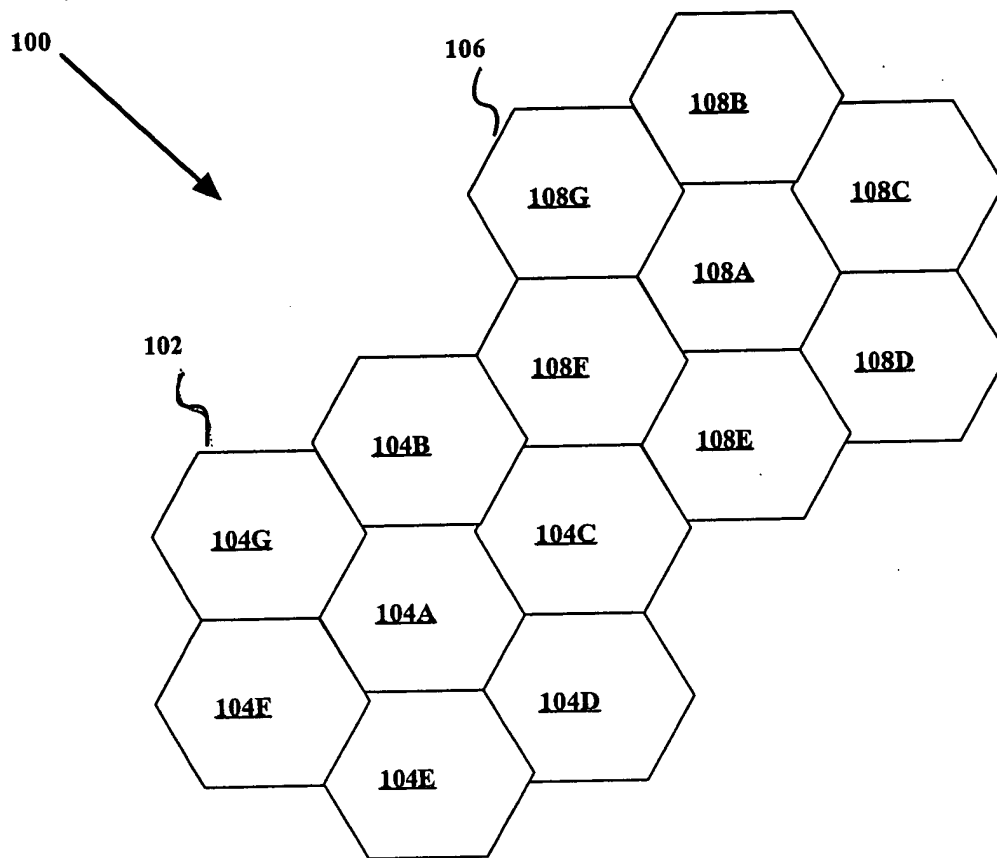


FIG. 2

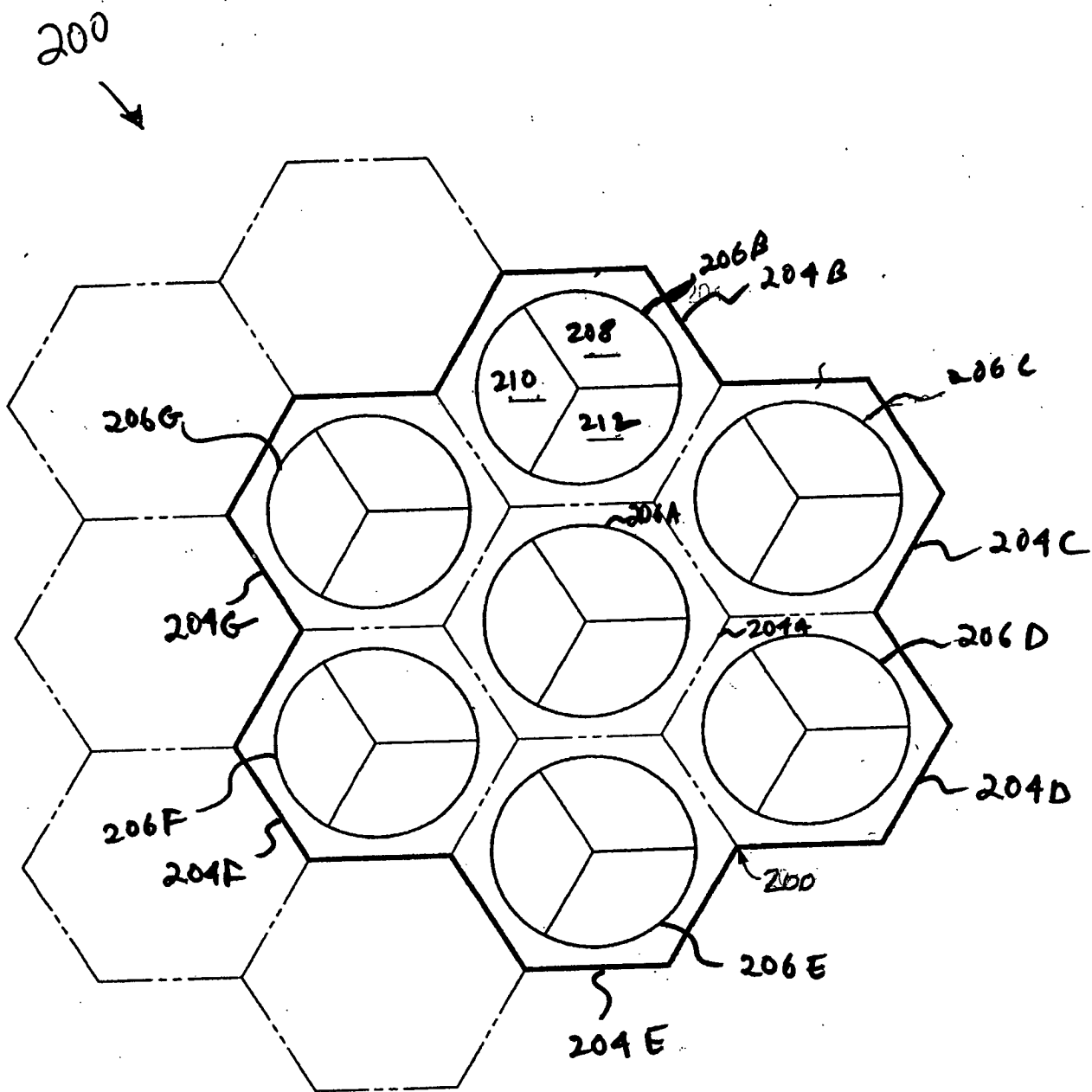


FIG. 3

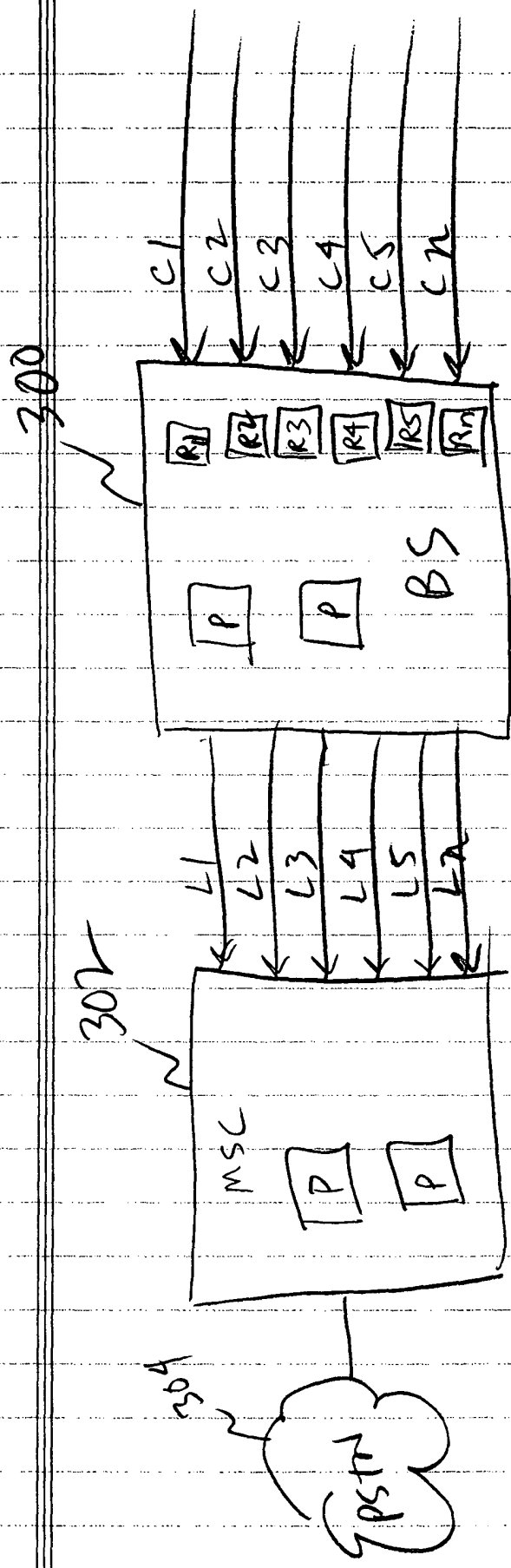


FIG. 4

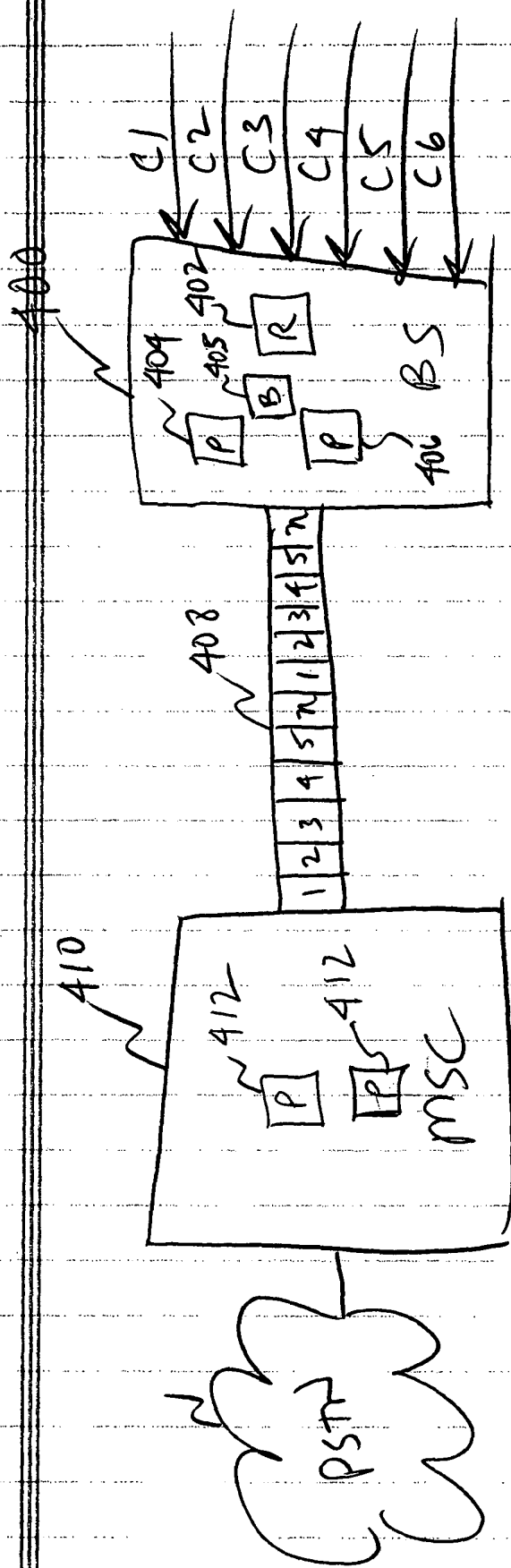


FIG. 5

FIG. 6

501

RECEIVE RADIO SIGNALS AT
DIFFERENT FREQUENCIES USING
SINGLE RECEIVER AT BS

502

SCAN INCOMING SIGNALS AND
SAVE SIGNALS TO BUFFER WITH
FIRST PROCESSOR

503

READ, PROCESS, AND
TIME-MULTIPLEX BUFFERED
SIGNALS WITH SECOND
PROCESSOR

504

TRANSMIT TIME-MULTIPLEXED
SIGNAL VIA PHYSICAL LINK TO
MSC

505

DEMULTIPLEX SIGNAL INTO
INDEPENDENT RADIO SIGNALS
AND PROCESS SIGNALS WITH
THIRD PROCESSOR

506

ROUTE INDEPENDENT SIGNALS
TO PROPER END USERS

